EXPERIENCE THE

GUTEX EFFECT

GUTEX®
NATURALLY MADE FROM WOOD
CONTENTS

Introduction
Welcome home  4

Wood
Nature knows better.  6

Products
A product for every challenge  8

Indoor Comfort
Outside, nature prevails. Inside, the everyday chaos.  10

PROTECTION AGAINST COLD IN WINTER
Say goodbye to cold feet.  12

PROTECTION AGAINST THE HEAT
Let the heat peak out. You’re cool man.  16

PLEASANT INDOOR CLIMATE
Here’s to your health.  20

ACOUSTIC INSULATION
Escape to your refuge.  24

Safe and Sound
Outside danger threatens. Inside the end of a story.  28

FIRE PROTECTION
Insulated safely  30

DURABLE WEATHER PROTECTION
Even in the severest of storms  34

Naturally Efficient
Out there the energy shortage threatens. At home, only the mother-in-law.  38

LASTING VALUE
Preserve the health of your building.  40

ENERGY EFFICIENCY
Tighten up on your expenses.  44

Systematic
Effective insulation not a product of chance.  48

Quality
Quality has many facets.  50

Sustainability
In the balance.  52

Service
Welcome the Gutex effect into your home.  54

Imprint  56
INTRODUCTION

At the edge of the Black Forest, in Waldshut-Tiengen, home to GUTEX, we devote our full attention to discovering new means to improve the ways we turn our high quality resources into products that give you the greatest benefits.

GUTEX’s insulation products, and complete systems for building envelopes feature natureplus® certificates, verifying their biological safeness. Made using the most advanced technologies and locally sourced wood, these products are of genuine value to your family, the environment and us.

Why? Because you can expect more than a wholesome, value-appreciating home thanks to GUTEX wood fibre insulation. We provide you with solutions tailored to your specific needs and wants – solutions that improve the quality of your life and the Earth’s well-being.

What could be better than a wholesome, comfortable living space, one in harmony with Nature and the environment?

Eighty-five years of innovation driven by foresight, confidence in the quality of our softwood and a commitment to act responsibly to protect plants, animals and our future generations are things that don’t go unnoticed in a home insulated with GUTEX wood fibre insulation products.

At the edge of the Black Forest, in Waldshut-Tiengen, home to GUTEX, we devote our full attention to discovering new means to improve the ways we turn our high quality resources into products that give you the greatest benefits.

GUTEX’s insulation products, and complete systems for building envelopes feature natureplus® certificates, verifying their biological safeness. Made using the most advanced technologies and locally sourced wood, these products are of genuine value to your family, the environment and us.

Why? Because you can expect more than a wholesome, value-appreciating home thanks to GUTEX wood fibre insulation. We provide you with solutions tailored to your specific needs and wants – solutions that improve the quality of your life and the Earth’s well-being.

What could be better than a wholesome, comfortable living space, one in harmony with Nature and the environment?

Experience the GUTEX effect.
Wood insulation has so many appealing attributes. It is good for us, the environment and the climate. How much more, when it is obtained at our doorstep in the Black Forest using sustainable forestry practices? And then processed using our state-of-the-art, environment-friendly techniques?

Amongst its many talents, are wood’s lack of thermal conductance and its excellent thermal retention, which keep your home comfortably warm in winter and pleasantly cool in summer. In addition, wood fibre’s diffusion-open cellular structure protects buildings against excessive moisture, absorbing and releasing moisture excesses, while creating a healthy indoor climate. And wood fibre provides superb acoustic protection.

Build and refurbish today for tomorrow. It’s easy with GUTEX. At GUTEX, we do everything in our power to allow wood to perform to its fullest for you and future generations. It begins with the raw material we use, local spruce and fir, whose fibres are uniquely efficient. You’ll feel the difference, and you’ll love the savings. The Black Forest provides the ideal growing conditions for these species, and all our raw material comes from closely located sawmills that process only wood obtained through FSC or PEFC certified forest management practices. Before wood helps protect the environment by insulating your home, it has already done it service when it is a tree by assimilating carbon dioxide from the atmosphere for photosynthesis, which it breaks down into carbon and oxygen. The carbon remains in the wood, subsequently in the insulation, and the oxygen releases into the atmosphere that we breathe. Wood benefits us in many ways.

We work with Nature. Sustainable and with foresight, we craft quality wood insulation, which you’ll notice. That’s the GUTEX effect.

You’ll find more interesting information about wood at: www.gutex.de/wood
There is no one product capable of meeting every insulating challenge presented by the different areas of buildings. GUTEX understands and provides a specific answer for every section of your building’s envelope, giving you the highest thermal efficiency possible.

Make your house a wholesome home
You’ll feel comfortable in your home when you build or refurbish with GUTEX ecological insulation products. ETICS for the exterior, insulation for vented facades, over-rafter, between-rafter, under-rafter applications, or wood fibre blow-in insulation, insulation for ceilings, interior insulation of exterior walls and wall cavities, acoustic insulation for floors, soundproofing underlay products for wood flooring and laminate, GUTEX has exactly what you need to make your house a wholesome home.

Dry and wet, GUTEX’s carefully engineered processes
The raw material, shavings and chips, are treated with 160 °C steam prior to passing through a millwork, which processes them into fibre. During the mill process, we determine the dimensions of the fibres, and thus the insulation properties of the final products. The “dry process” employs forced dry air to dry the fibres, before binding agents, textile fibres, hydrophobic agents and/or fire retardants, depending on specific requirements, are applied. Then the fibre is pressed and hardened by forced air.

A house that feels wholesome is a home. That’s the GUTEX effect.

IMPRESSIONS PROPERTIES, IMPRESSIVE PERFORMANCE

- Drastic energy savings and reduced costs
- Drastic reduction of carbon dioxide emissions caused by home heating
- Savings on heating translate into very quick payback of investment
- Significant increase in value of house lead to higher sale price and rental fees
- Wholesome interior climate thanks to wood fibre’s diversity

Find out more about our products and their manufacture at: www.gutex.de/properties
OUTSIDE, NATURE PREVAILS.

Freezing cold, unbearable heat, tumultuous noise – when things outdoors are unpleasant and out of your control, GUTEX wood fibre insulation delivers. Regardless of the time of year or what’s going on outside, you’ll find your home comfortable and peaceful, year round with consistent temperature and relative humidity.

INSIDE, THE EVERYDAY CHAOS.

Feeling good at home year round. That’s the GUTEX effect.

THE WAY HOME SHOULD FEEL.
Do you sometimes have the impression that it is nearly as nasty cold and drafty inside as it is outside? Although you’ve turned up the heat all the way? It might just be time for a change. With GUTEX wood fibre insulation, you needn’t continue to let your hard-earned money slip literally through your walls. Save the environment and your money while making your walls and floors warm and your home comfortable with GUTEX.
SAY GOODBYE TO COLD FEET

Biting cold can spoil the cosiness of your home and higher heating costs create worries. GUTEX wood fibre insulation resolves both and adds to your house’s net value.

Wood fibre protects you from the chill of winter

How comfortable you feel in a living space is the result of room temperature, surface temperatures, air circulation, and relative humidity. Wood fibre insulation excels in all these, outperforming other insulations, allowing the heat generated by the building’s heating system to penetrate the walls with minimum loss. And when the heating system ceases to produce heat, the walls radiate the heat they have stored, causing the rooms to stay warm longer.

For you to feel snug and comfortable, the difference between wall and air temperatures should not exceed three degrees Celsius. Also of significance is that humid air rarely stagnates near warm wall surfaces, which helps prevent mildew. In addition, warm walls help avoid the feeling of draft produced by cold walls, and prevent damage to buildings.

Greatest advantage: low thermal conductivity

GUTEX wood fibre insulation’s excellent performance is the result of its low thermal conductivity. A noticeable drop in the loss of heat benefits many: inhabitants enjoy the snugness and lower heating costs, while homeowners are happy about improved energy efficiency and the increased value of their investment. And last but not least, the environment profits significantly in many ways. Besides the obvious reduction in carbon emissions due to the need for less burning of fossil fuels for heating, the entire product life cycle produces drastically fewer carbon emissions than those of wood fibre insulation’s conventional counterparts. Another significant fact is that carbon dioxide remains tied up in the wood fibre whilst the products are in use and in existence.

A cozy home. That’s the GUTEX effect.

IT’S BEGINNING TO LOOK LIKE SPRING

- Lower energy use and expenses
- Lower carbon emissions, both active and passive
- Uniform indoor temperature
- Comfortable indoor climate

Find out more about protection against the cold at: www.gutex.de/winterinsulation

Uninsulated house

Warm walls mean pleasurable comfort

We feel better when the temperature difference between the walls and air doesn’t exceed 3 °C.
INTRODUCTION

KEEP YOUR COOL WITH GUTEX.

When the dog days of summer arrive and the sun worshippers are soaking it up, do you break out into a sweat, panicking in fear of those sleepless nights of tossing and turning? Then it’s time for GUTEX wood fibre insulation. Keep the heat where it belongs: outside. Stay cool, even under the roof.
According to experts, the chances of you rising in the morning refreshed from your sleep when temperatures are above 26 °C are very slight. However, you may be glad to learn that GUTEX products, in addition to protection against cold, protect superbly against heat.

Wood fibre. Your shield against the heat.
Tests performed by qualified analysts have shown that in comparison to mineral-based insulations, wood fibre insulation can reduce the percentage of hours that are too warm in interior spaces annually by up to 65 percent. So, as you can see, with GUTEX wood fibre insulation, your chances of getting up refreshed in the morning are vastly improved.

The capacity to cool without carbon emissions
To protect living spaces against heat, especially those directly under roofs, the insulation material used must have enough thermal storage capacity or volumetric heat capacity to ensure the flow of warmth from the exterior to the interior area is adequately dampened. Thermal storage capacity refers to the ability of the insulation material, in this case wood, to absorb and retain thermal energy (technically referred to as time lag) before allowing it to reach the building’s interior in a reduced magnitude (decrement factor). During the night, the temperature sinks outdoors and the thermal energy is released from the exterior of the building, keeping the fluctuation of temperature inside the building at a minimum without using carbon emitting electric-cooling systems.

Rise even summer mornings refreshed. That’s the GUTEX effect.
TOO HUMID FOR YOUR COMFORT?

GUTEX TEMBERS YOUR INDOOR CLIMATE.

Turning up the heat does not remedy problems with mould and mildew, because their medium is cold walls on which the humidity in the air condenses. GUTEX wood fibre insulation opens your walls to diffusion, preventing the growth of microorganisms and the impression and effects of cold walls that simulate draft.
PLEASANT INDOOR ENVIRONMENT

HERE’S TO YOUR HEALTH

Not just room and surface temperatures are decisive for a comfortable, healthy indoor climate. Humidity is also of great importance. GUTEX wood fibre insulation handles this challenge easily as well, regulating the relative humidity to a comfortable level, whilst preventing mould and mildew.

Indoor relative humidity fluctuates
At a temperature of 20 °C, relative humidity of 50 percent seems pleasant to us. Under 40 percent appears too dry and over 70 percent too high. Since relative humidity in living areas is subject to breathing, cooking, showering, plant respiration and other factors, such as the weather, it tends to fluctuate continuously. For this reason, building materials that are capable of absorbing, retaining and releasing moisture are preferred.

Nature’s wood fibre is better
Natural wood fibre insulation from GUTEX permits diffusion. And it can absorb and release up to 15% of its weight in humidity without a loss in insulation performance. Thus, it is extremely effective at lowering excess humidity in the air. When the air is dry, the board releases the absorbed moisture into the room. Thanks to its humidity regulating function, GUTEX insulation creates a stable, comfortable living environment.

Always comfortable indoors. That’s the GUTEX effect.

NO EXCESSIVE HUMIDITY, NO MOULD

- Storage: Wood fibre insulation is capable of absorbing up to 15% of its weight in moisture without sacrificing any insulation capacity
- Diffusion openness: Wood fibre insulation is 15-20 times more capable of releasing moisture than petroleum-based insulation
- Sorption capability: Absorbs moisture, which it distributes throughout insulation’s cross section and then releases it when house interior is dryer

Sources of moisture and their volumes in ml per hour

- Cooking: 1,500 ml
- Showering: 2,600 ml
- Sleeping: 50 ml
- Drying wash: 2,000 ml
- Breathing: 12 l

Daily moisture produced by family of four

Living healthy
If you build using GUTEX wood fibre insulation, you’re in great hands when it comes to living healthfully. Proof for the biological safeness of GUTEX insulation products may be found in our naturaplus® seal of quality and listing in the Environmental Product Declaration (EPD) registry.

1. Moisture storage capacity – humidity absorption and storage
2. Capillary action – uniform distribution of humidity
3. Diffusion openness – moisture releasing action

Read more about how to regulate your house’s climate at www.gutex.de/living
NEED PEACE
AND QUIET?

Whether construction work, busy street traffic or overhead air traffic, when noise increases, your quality of life decreases. Quietness means everything to your sense of home and recuperation from the stress of work. GUTEX products absorb and dampen noise, no matter whence it comes: within or without. Escape to your refuge, find peace at home.
Acoustic insulation

ESCAPE TO YOUR REFUGE

Noise is annoying and can threaten your health, if uninterrupted. Thus, it is extremely important that you have a place where quiet prevails. GUTEX wood fibre insulation dampens absorbed noise significantly better than conventional insulation products. With GUTEX, your house becomes your refuge.

Wood fibre does it better
Besides airborne noise caused by airplanes, automobiles and loud music, wood fibre insulation effectively dampens the transmission of impact noise, for example, through flooring, such as laminate or wood flooring – even noise caused by plumbing. Typically, wall and roof insulation are the means used to reduce airborne noise, whereas thin insulation underlayment installs under wood and laminate flooring to reduce impact noise. An additional benefit provided by wood fibre insulation, one that sets it apart from other insulation materials, is improved room acoustics.

The difference maker
GUTEX wood fibre insulation’s superior acoustic performance is the result of its greater density and open porosity, which allow it to absorb and dampen sound significantly better than polystyrene or polyurethane. In fact, it’s so effective that it even meets the higher specifications for buildings near airports.

Escape the barrage of noise. That’s the GUTEX effect.

Too much is unhealthy
We can close our eyes, but not our ears. Getting away from unpleasant, undesired or damaging noise is easier said than done. Our ears can take up to 100 dB, the level experienced near jets, before suffering damage. But even 70 dB, the noise produced by street traffic, can cause irreparable damage with time.

50 DECIBELS LESS
Compared to other insulations, wood fibre stands out when it comes to noise damping, especially high-frequency noise. If properly installed, GUTEX products can effectively reduce levels by 50 dB.

To learn more visit: www.gutex.de/acoustic

Noticeably less noise
The human ear perceives changes of 10 dB double as loud or half as loud, depending on the direction of the change. If, for instance, roof refurbishment changes the difference between outside and inside noise from 34 dB to 46 dB, our subjective impression would tell us the measures reduced the level of noise by 50 percent.
INSIDE, ONLY THE END OF A STORY.

OUTSIDE, DANGER THREATENS.

SAFE AND SOUND

SLEEP TIGHT, GUTEX IS STANDING GUARD.

Raging storms, severe hail, fire – when threats outside loom, you need reliable shelter. Rest assured, GUTEX products and systems protect you, your loved ones and your possessions for the life of your building.

Feeling safe, out of harm’s way. That’s the GUTEX effect.
When it matters most, Gutex is there.

Sparks, lightning, short-circuit? What if your home were to catch fire? Your Gutex wood fibre insulation, if installed as per approved fire-rated structure, provides you with up to one and a half hours of protection. When the wood fibre insulation burns, it burns slowly, not bursting into flames immediately, which may save your life one day.

Protect what matters.

The effect.
Nobody would deny that wood burns. But we’ve designed GUTEX wood fibre insulation to burn safely, because for the Black Forest insulation manufacturer, not just function, quality and ecology matter, but more important than anything is your safety. When you protect your home with GUTEX wood fibre insulation against cold, heat, moisture and noise, you protect your life and the lives of those you love most!

Wood everything but a fire hazard
Many flammable fossil-fuel based materials when inflamed drop burning materials from building walls, emitting highly toxic gasses. GUTEX wood fibre insulation boards char on the surface, creating a protective layer that slows burning and gives inhabitants valuable time to evacuate.

Moreover, GUTEX products and systems have been shown to delay the rise of temperature in structural sections of buildings thanks to their high volumetric heat capacity. And the charred layer helps keep the volumetric capacity intact longer. Finally, wood fibre insulation doesn’t become fluid when it burns, nor does it produce a great deal of smoke.

Steadfast through fiery trials
GUTEX wood fibre insulation meets the highest fire protection standards. Having a normally flammable rating, the insulation is suitable for use in class 3 buildings (Baden-Wuerttemberg), typically 2.5- to 3-storey, under 7-metres.

PROVEN SAFE
With GUTEX wood fibre insulation, your building can comply with all the requirements for 2.5- to 3-storey buildings. GUTEX’s technical assistance department will gladly provide you with verifications for the different fire resistance duration ratings for ceiling, roof and wall constructions.

For more information on fire protection, visit www.gutex.de/fireprotection

A feeling of security
Thanks to their high volumetric storage capacity and their ability to char, wood fibre insulation boards and batts do not facilitate combustion. Nor are they prone to collapse and fall from walls or ceilings while burning.

A fire approaches a wall, whose temperature is 713 °C.
A wall structure insulated with GUTEX wood fibre products can withstand the fire for 90 min.
CLIMATE SEEM OUT OF CONTROL?

The climate is changing, but with GUTEX wood fibre insulation your house is secure. GUTEX sarking boards for roofs are not only rain-tight, they’re also capable of withstanding severe hail, according to TÜV Rheinland, a German testing and certifying institute. Exterior walls? GUTEX impact-resistant wall insulation boards deliver superbly in the face of wind and severe weather conditions.
A phenomenon of the changing climate is the occurrence of torrential rains and sudden, destructive hail storms. Many buildings lack the necessary protection. If you’ve refurbished or built your house using GUTEX wood fibre insulation, you have the best protection to cope with whatever the weather throws at you.

Impregnable to weather’s assaults
An increasingly common scenario: High winds rip off roofing, exposing the underlying structure to subsequent hail, which damages poorly installed sarking. Unable to withstand the rain, the roofing paper allows moisture to enter the structure and building interior, causing substantial damage. GUTEX wood fibre sarking is strong, and durable enough to stand up to physical loads. Moreover, rain rolls off it thanks to its hydrophobic character.

GUTEX’s product range is broad enough to ensure you’ll find the ideal solution for your particular roof needs. When you protect your roof with GUTEX, you protect your investment. And your future.

You’ll be grateful for wood fibre insulation’s toughness when it comes to your building’s render-coated ETICS. Why even impact caused by bicycles, rubbish cans or soccer balls can’t damage the beauty of your house.

Wood fibre’s naturally inherent resiliency
GUTEX insulation boards and batts, made from Black Forest wood, are elastic yet feature ample flexural strength and compression-resistance. TÜV hail tests performed on 60 mm GUTEX Ultratherm® using a 110-km/h travelling projectile produced only an insignificant dent, which didn’t compromise the substructure. As you can see, with GUTEX, you have every reason to feel safe and sound in your home.

One tough character
Tests performed by TÜV Rheinland found that a 5-cm projectile propelled against GUTEX Ultratherm® at 110 km/h failed to compromise the performance of the product.
OUT THERE, THE ENERGY SHORTAGE THREATENS.

AT HOME, ONLY THE MOTHER-IN-LAW.

LIVE SAVING RESOURCES

Intelligently made and installed insulation systems help significantly reduce energy use and emissions. By choosing such a system, you have reason to feel good about what you’re doing, because you’re saving resources while securing the value of your home for years to come. Such a system requires little maintenance, too. With GUTEX wood fibre insulation, you live more naturally. And more intelligently.

Leaving Earth better than you found it. That’s the GUTEX effect.
Has your house been around a while? Give it a facelift with a GUTEX facade insulation system best suited to your taste and needs. Individually designed, durable and long-lasting GUTEX systems are diffusion-open, allowing moisture to dissipate and therefore eliminating media for mould and mildew. Your grandchildren will thank you!
PREVERSE THE HEALTH OF YOUR BUILDING

Nobody enjoys seeing the same old dull face – on a person or a building. A grey, cracked moss- and mould-afflicted facade does your house no justice – neither aesthetically nor structurally. Rejuvenate your house with one of GUTEX’s state-of-the-art façade systems and everyone will smile. Even the façade.

Wood fibre has something against moisture, mould and mildew
Roughly 83 percent of old building facings display cracks, blistering and spalling, which may be the result of structural shifting, settling or just wear and tear. Possible causes of wear and tear may be the interplay of building material incompatibilities, temperature and moisture. If left unattended, the effects may be severe, as cracks may allow moisture to penetrate and damage masonry and make the building’s interior damp. Things may become even worse if the insulation is poor. And damp masonry and insulation will certainly affect your comfort indoors.

Not just your building suffers under mould and mildew, though, but your need for aesthetic quality as well. To blame for this dilemma are often global warming and the new, unprotected and energy-efficient way homes are built. Another factor is clearer air, which is better for all living creatures, including microorganisms. In rural areas, buildings located near or in wet areas have increased susceptibility to mould and mildew, as well.

Add the value of uniqueness to your home
Look around, you’ll soon realize the facades of new and refurbished houses almost always look alike. Yet there are so many ways to give your house a unique personality. Whether render, wood, slate or zinc, if you chose a GUTEX façade insulation, your dreams will have no bounds. And moss and mould will have no chance, since wood fibre insulation cools more slowly than the air, meaning less condensation forms on the façade coating surfaces. Fraunhofer Institut für Bauphysik, a very reputable building science institute, has verified this.

Your dream house with a bright future. That’s the GUTEX effect.

You’ll find more about adding lasting value to your house at: www.gutex.de

GUTEX FAÇADES HAVE IT ALL
- Ideal for problematic substrates, i.e. irregular substrates, half-timbered structures, etc.
- Mature, fully developed system adapts to specific conditions for just about any application
- Strong, impact-resistant and long-lasting
- Naturally protective, limiting growth of mould and mildew
- Makes homes significantly more energy-efficient, thanks to non-thermal-bridge installation

Wood fibre insulation
Protects against the weather, mould and mildew, while increasing the aesthetic and monetary value of your house.
In reality, energy is priceless. No honest person would deny the need to personally consume less. When it comes to our homes, where we spend most of our lives, we can do a great deal. Reduce your energy consumption and carbon footprint significantly with GUTEX wood fibre insulation, easily and quickly!
TIGHTEN UP ON YOUR EXPENSES

In Germany, 41 percent of the energy consumed is used in buildings – 80 percent for heating. Chances are, your circumstances are similar. So if you want to do something for the environment and your wallet, you need to lower your energy consumption for heating.

Wood plugs financial holes
Since only 20 percent of your energy use is for hot water, lighting and appliances, your first step, and a very effective one, in fact, should be improving heating efficiency. Insulation is vital here to getting the most out of your heating system because it keeps the heat in your house. GUTEX’s carefully engineered products and systems with wood fibre insulation will do this for you ecologically and economically.

Energy refurbishment pays in many ways
The higher your energy usage is, the higher are your costs and impact on the environment. Germany, and other countries have introduced legislative measures to cut carbon emissions. Most of them provide financial and tax incentives for the energy-efficient refurbishment and building of houses and buildings. Contact your GUTEX sales agent to learn more about the specific programmes and incentives available to you where you live. It’s worth your call!

Savings. That’s the GUTEX effect.

SUSTAINABLE WITH IMMEDIATE RETURNS
Efficient thermal insulation is an investment that pays for itself immediately with lower heating bills.

Learn more about energy efficiency at: www.gutex.de

Energy loss per percentage

<table>
<thead>
<tr>
<th>Component</th>
<th>Uninsulated</th>
<th>Insulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROOFS</td>
<td>42%</td>
<td>30%</td>
</tr>
<tr>
<td>WINDOWS</td>
<td>16%</td>
<td>10%</td>
</tr>
<tr>
<td>WALLS</td>
<td>35%</td>
<td>30%</td>
</tr>
<tr>
<td>CELLAR/FOUNDATION</td>
<td>7%</td>
<td>6%</td>
</tr>
</tbody>
</table>

Less energy loss, more savings
A building insulated with GUTEX products can in winter – given the right conditions - cut your heating expenses by 50 percent compared to a poorly insulated building, leaving you less affected by increasing energy costs.

Source: dena (German energy agency)
We incorporate innovative thinking, new technologies and local wood, the latter obtained from the Black Forest using sustainable forestry practices, into intricate, perfectly matched ecological products and systems.

Our products and systems do more than provide you with wholesome living and a value-sustainable home. They improve the quality of life for you, the other Earth inhabitants and our Earth. The GUTEX product range is tested, proven, long-lasting and safe. You’ll find solutions for every climate zone, substrate and requirement.

Functionally integrative systems
Our systems do more than individual products do. And they’re just better in terms of workability, effectiveness, quality.

**THERMOWALL ETICS®**
An ecological external thermal insulation composite system (ETICS) creates a comfortable, healthy indoor environment while drastically reducing energy costs.

**DURIO®**
This eco façade insulation system permits you to retrofit problematic existing façades, such as uneven masonry or half-timbered substrates, etc., whilst allowing you to design as you fancy.

**IMPLIO®**
A precision-engineered integral system with quality-built components, leaves nothing to chance for the weather-tight, thermal-bridge-free integration of windows in ETICS.

**TECADIO®**
This roof refurbishment system with rain-tight, hail-resistant sarking and moisture regulating between-rafter insulation delivers maximum effectiveness.

**INTEVIO®**
Our ecological Thermoroom interior insulation system provides indoor comfort efficiently, with installation taking place independent of outdoor weather and without the need for scaffolding. Ideal for the retrofitting of buildings with rental units, one room after the other, etc.
The quest for quality permeates every facet of what we think and do.

Our objective is to provide you, your children and future generations with the best products, crafted from the best raw materials, and the best possible service.

To ensure consistent quality and reduced environmental impact, we have striven to comply, since 1995, with the various DIN and Eco-Management and Audit Scheme (EMAS) stipulations and guidelines.

Our call to lead in quality compels us to keep broadening our field of vision to anticipate tomorrow’s standards.

Quality assurance begins for us with our procurement of raw materials and continues through to the recyclability of our products and systems. We take our responsibilities to the environment and our stakeholders, the latter encompassing society and the needs of you, our coworkers and our business partners, very seriously.

Quality not just a word
We have a reputation for leading when it comes to quality. It’s something we’ve put a lot of hard work into and it means we stand behind our products, systems and service. Always! The skill and knowhow of our team along with their unwavering dedication to our mission; the fact we remain a family-owned and run company; our Black Forest, sustainably-harvested wood; and our manufacturing according to environment-friendly standards where quality wood grows in Waldshut-Tiengen, Germany mean superior quality for you.

Not just a vague concept
The fact that we regard the environment and product quality as inseparable is apparent in our certifications and verified compliance, going back to 1995: DIN EN ISO 9001, DIN EN ISO 14001 and EMAS II. Moreover, our products and systems meet biological safety standards, as shown by our natureplus® seal of quality. And of course, our products carry the CE mark and are DIN EN 13171-compliant. These standards help us stay our course.

Good for you and the environment. That’s the GUTEX effect.

CERTIFIED QUALITY
- As per DIN EN ISO 9001 for quality management, DIN EN ISO 14001 for environmental management and as per Eco-Management and Audit Scheme (EMAS II)
- As per DIN EN 13171, an EU manufacturing code for wood fibre products
- CE mark
- natureplus® seal of quality
- Ökotest “Very Good”

More about our verified quality at: www.gutex.de/quality
ECOLOGICAL FOOTPRINT

GUTEX’s use of innovative, environment-friendly technologies lowers energy usage by 40 percent.

GENUINE PROGRESS

At GUTEX, we put our innovative technologies to work for the good of humankind and Nature. Every house fitted with our wood fibre insulation mitigates carbon in the atmosphere.

LOCAL IS BETTER

No denying it, we’re more particular about our own backyard, which is why we source sustainable, FSC- and PEFC-certified raw materials locally.

WASTE NOT, WANT NOT

We process every chip we source, wasting nothing.

MAINTAINING THE BALANCE

Nature provides us with a wonderful raw material that has superb thermal and climate-regulating qualities. Out of gratitude, we see ourselves indebted to treat Nature and the environment with utmost respect, while preserving them and their benefits for our next generations.

There are many ways to show Nature our gratefulness, including our water usage, use and management of raw material and additives, building and refurbishing practices and materials. By using insulation obtained by means of environment-friendly manufacturing from renewable resources, manufacturer, tradesperson and homeowner make a significant contribution to protecting our climate and Nature.

Sustainable Forestry

The raw material for every GUTEX wood fibreboard comes solely from wood harvested and grown using sustainable forestry management practices as per PEFC and FSC standards. GUTEX uses exclusively untreated spruce and fir chips and shavings that are byproducts produced by other timber manufacturing processes. Moreover, the sawmills from which GUTEX obtains its chips and shavings are all located near our plant in the southern Black Forest town of Waldshut-Tiengen.

Ingenuity to serve people and Nature

GUTEX combines that typical Black Forest dedication to quality, the infatuation with new ideas and ways of doing things, and the drive to answer the future’s needs today. This mix breeds innovative insulation solutions, such as the world’s first dry manufactured single-ply homogeneous insulation fibreboard. Used since 2006, this process doesn’t just deliver better quality and workability, rather it cuts carbon emissions and energy usage by 40% compared to wet processes. That’s an enormous step for the environment. And it’s what GUTEX is about: innovating for humankind and Nature.

Sustainable building and refurbishing. That’s the GUTEX effect.
WELCOME THE GUTEX EFFECT INTO YOUR HOME.

Rest assured, when you need us we’ll be there for you, in word and deed, versatile and dependable. Tap into our knowledge and experience. We’ll be glad to assist you!

Qualified assistance

Your continued satisfaction is what means the most to us and drives us to provide you consistently with the best and most qualified products and assistance.

Qualified training

Rightfully, you expect the most from our products, which is why we provide architects, merchants and tradespeople with the best possible training in the use of our systems as well as workshops and talks about building science, building and application. The more informed they are, the better they can serve you.

Qualified time saving

Time, money and nerves are the costs customers pay for products. We do our best to limit these costs by providing perfectly integrated products and system solutions that perform as easily as advertised. But should you ever have questions, no matter how big or small, you can speak to a qualified technician via our hotline.

Knowing you’ve done the right thing. That’s the GUTEX effect.
PUBLISHER

GUTEX Holzfaserplattenwerk
H. Henselmann GmbH + Co KG
Gutenberg 5 | 79761 Waldshut-Tiengen, Germany

Phone: +49 7741 60 99 0
E-mail: info@gutex.de
www.gutex.de

© December 2016, 79761 Waldshut-Tiengen, Germany
GUTEX Holzfaserplattenwerk
H. Henselmann GmbH + Co KG

CONCEPT, COPY, EDITING
& GRAPHIC DESIGN

contenance GmbH
Ostendstraße 110 | 70188 Stuttgart, Germany

Phone: +49 711 18 42 22 00
E-mail: hello@contenance.de
www.contenance.de